

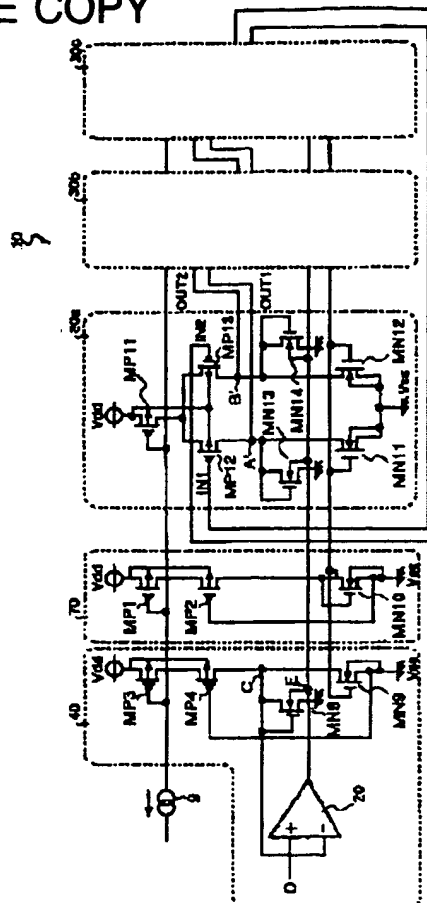
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TITLE : OSCILLATOR



ABSTRACT : PROBLEM TO BE SOLVED: To obtain an oscillator that keeps a clamp voltage constant without fluctuating it even when a power supply voltage is fluctuated and that conducts stable oscillation.

SOLUTION: A clamp voltage control circuit 40 controls a voltage applied to each back gate of n-channel MOS transistors (TRs) MN13 and MN14 being clamp means of differential amplifiers 30a-30c through a negative feedback loop employing an operational amplifier 20 on the basis of a constant voltage signal D not affected by fluctuation of the power supply voltage so as to keep the clamp voltage constant.

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